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MINKELA

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Dear Josh,

This is the manuscript that I promised to send soon. The writing took again more time than I hoped, although it is mostly based on old data. However, I still hope that you would be kind enough to go through it in a near future. If the first paper is (or was?) accepted in Genetics I think that this should go in the same journal.

Meanwhile, I have obtained rather nice linkage data on the H_2 locus: 70 to 80 per cent linkage to the "arom" locus for the synthesis of phenylalanine and tyrosine: ^{orig. Hfr} H_2 ^{50%} ^{SWING}

Re the Salmonella - Serratia hybrid for density gradient you wrote about. In my opinion the possibilities of obtaining it are rather poor. However, with the purpose being excellent, I have done the following: immunized a rabbit with Serratia SM 6-11SR (of Baron), to get an immobilising antiserum. Crossed several of my best S. abony Hfr's with SM 6-11 in a number of tubes of soft NA + Sm + antiserum, or soft minimal agar + antiserum (you can't use gelatin with Serratia). So far no swarms have been produced. ^{80% linkage, which side is not yet known}

Iino wrote me about Salmonella hybrids alternating between b:enx:i:l.2. He apparently has had better luck than I - I feel that his selection of recipient was the thing. It will be most exciting to hear of his results with these hybrids.

We enjoyed Gan's visit here a lot. He also gave a very good talk on his work which seems to be a very good and beautifully done bit of work. We have also seen a number of other people, the Canns stopped here on their Scandinavian tour - they are apparently happily settled down in Milan - and the Mitchisons spent most of their vacation with us.

Yours

Helen